

NEWS *from*

AIR CONDITIONING AND REFRIGERATION INSTITUTE

1815 N. Fort Myer Drive, Arlington, Virginia 22209

For Further Information
Contact: RAY DURAZO
(703) 524-8800

FOR IMMEDIATE RELEASE

October 12, 1979

AUGUST UNITARY SHIPMENTS SHOW DECREASE OF 3.9 PERCENT

ARLINGTON, VIRGINIA ----- Domestic shipments of unitary air conditioners and heat pumps by U. S. Manufacturers were 178,682 in August, 1979. According to figures released by the Air-Conditioning and Refrigeration Institute, this is a decrease of 3.9 percent over the total delivered a year ago in August, 1978.

July shipments brought the cumulative figures for the year to 1,955,343, an increase of 3.0 percent over 1978.

Included in the total figure shown on the attached breakdown of shipments by size, are August shipments of heat pumps, which were 33,136. This is a decrease of .2 percent over shipments in August, 1978. Year-to-date heat pump shipments in August were 368,027, a decrease of 4.8 percent compared to the same period of 1978.

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Attachment

23/79

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed
Summary by Size of United States Manufacturers'
Shipments Expanded to Industry

Date AUGUST YTD., 1979

	SIZE BTUH (000)		UNITED STATES								
			NUMBER OF UNITS		U.S. TOTAL C	% CHGE. FROM 1978					
			CONDENSER-TYPE								
			AIR OR EVAP. COOLED A	WATER COOLED B							
CONDENSED SUMMARY BY SIZE	Under 16.5		20809		20809	3.6+					
	16.5-21.9		142025	102	142127	9.2+					
	22-26.9		349584	61	349645	6.1+					
	27-32.9		366701	118	366819	2.0-					
	33-38.9		476287	823	477110	1.2-					
	39-43.9		173912	313	174225	4.7+					
	44-53.9		190952		190952	4.8+					
	54-64.9		160178	1504	161682	13.0+					
	65-96.9		28326	869	29195	1.9+					
	97-134.9		20140	714	20854	7.7+					
	135-184.9		10504	378	10882	3.0+					
	185-249.9		3768	196	3964	5.4-					
	250-319.9		2624	78	2702	5.3+					
	320-379.9		1338	68	1406	12.0-					
	380-539.9		1305	43	1348	4.1-					
	540-639.9		707	17	724	7.9+					
	640 and over		867	32	899	22.0+					
		TOTAL		19 50027	5316	19 55343	3.0+				

ADDITIONAL INFORMATION

The condensed summary by size includes shipments of:

1. Air-conditioners (except window and wall types) - with or without condensers and refrigeration chassis
2. Year-round air-conditioners - with or without condensers
3. Heat pumps (except room air-conditioners) - single package and split heat pumps excluding water source heat pumps of less than 135,000 BTUH.
4. Split systems - air-conditioning condensing units only, excluding shipments of coils with or without blower.

NEWS *from*

AIR CONDITIONING AND REFRIGERATION INSTITUTE

1815 N. Fort Myer Drive, Arlington, Virginia 22209

For Further Information
Contact: RAY DURAZO
(703) 524-8800

FOR IMMEDIATE RELEASE

November 12, 1979

SEPTEMBER UNITARY SHIPMENTS SHOW DECREASE OF 11.3 PERCENT

ARLINGTON, VIRGINIA ---- Domestic shipments of unitary air conditioners and heat pumps by U. S. manufacturers were 170,128 in September, 1979. According to figures released by the Air-Conditioning and Refrigeration Institute, this is a decrease of 11.3 percent from the total delivered a year ago in September, 1978.

September shipments brought the cumulative figures for the year to 2,125,471, an increase of 1.7 percent over 1978.

Included in the total figure shown on the attached breakdown of shipments by size, are September shipments of heat pumps, which were 40,162. This is an increase of 9.3 percent over shipments in September, 1978. Year-to-date heat pump shipments in September were 408,189, a decrease of 3.6 percent compared to the same period of 1978.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed
Summary by Size of United States Manufacturers'
Shipments Expanded to Industry

Date SEPTEMBER YTD., 1979

	SIZE BTUH (000)		UNITED STATES											
			NUMBER OF UNITS		U.S. TOTAL C	% CHGE. FROM 1978								
			CONDENSER-TYPE											
			AIR OR EVAP. COOLED A	WATER COOLED B										
CONDENSED SUMMARY BY SIZE	Under 16.5		22389		22389	.5-								
	16.5-21.9		156272	135	156407	8.4+								
	22-26.9		378570	67	378637	4.5+								
	27-32.9		396248	122	396370	3.0-								
	33-38.9		514126	897	515023	2.2-								
	39-43.9		188843	330	189173	2.8+								
	44-53.9		207947		207947	2.6+								
	54-64.9		175803	1656	177459	11.3+								
	65-96.9		32182	945	33127	3.2+								
	97-134.9		23127	788	23915	2.7+								
	135-184.9		11867	446	12313	3.6+								
	185-249.9		4377	232	4609	2.3-								
	250-319.9		3107	93	3200	12.5+								
	320-379.9		1524	73	1597	9.8-								
	380-539.9		1448	68	1516	3.1-								
	540-639.9		788	17	805	6.2+								
	640 and over		951	33	984	15.8+								
		TOTAL		2119569	5902	2125471	1.7+							

ADDITIONAL INFORMATION

The condensed summary by size includes shipments of:

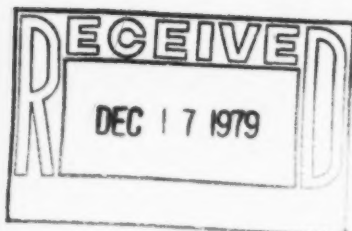
1. Air-conditioners (except window and wall types) - with or without condensers and refrigeration chassis
2. Year-round air-conditioners - with or without condensers
3. Heat pumps (except room air-conditioners) - single package and split heat pumps excluding water source heat pumps of less than 135,000 BTUH.
4. Split systems - air-conditioning condensing units only, excluding shipments of coils with or without blower.

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NEWS from

AIR CONDITIONING AND REFRIGERATION INSTITUTE

1815 N. Fort Myer Drive, Arlington, Virginia 22209



For Further Information
Contact: RAY DURAZO
(703) 524-8800

FOR IMMEDIATE RELEASE

December 10, 1979

OCTOBER UNITARY SHIPMENTS SHOW DECREASE OF 10.3 PERCENT

ARLINGTON, VIRGINIA ---- Domestic shipments of unitary air conditioners and heat pumps by U. S. Manufacturers were 200,915 in October, 1979. According to figures released by the Air-Conditioning and Refrigeration Institute, this is a decrease of 10.3 percent from the total delivered a year ago in October, 1978.

October shipments brought the cumulative figures for the year to 2,326,320, an increase of .5 percent over 1978.

Included in the total figure shown on the attached breakdown of shipments by size, are October shipments of heat pumps, which were 53,908. This is an increase of 3.2 percent over shipments in October, 1978. Year-to-date heat pump shipments in October were 462,031, a decrease of 2.8 percent compared to the same period of 1978.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed
Summary by Size of United States Manufacturers'
Shipments Expanded to Industry

Date OCT., YTD., 1979

	SIZE BTUH (000)		UNITED STATES											
			NUMBER OF UNITS		U.S. TOTAL C	% CHGE. FROM 1978								
			CONDENSER-TYPE											
			AIR OR EVAP. COOLED A	WATER COOLED B										
CONDENSED SUMMARY BY SIZE	Under 16.5		24469		24469	6.7-								
	16.5-21.9		175455	170	175625	8.9+								
	22-26.9		416456	72	416528	4.0+								
	27-32.9		431469	131	431599	3.7-								
	33-38.9		557877	986	558863	4.1-								
	39-43.9		208190	343	208533	2.1+								
	44-53.9		224879		224879	.2-								
	54-64.9		191482	1785	193267	8.8+								
	65-96.9		35830	1013	36843	1.9+								
	97-134.9		26273	833	27111	9.8+								
	135-184.9		13720	466	14186	6.1+								
	185-249.9		4987	192	5179	2.5-								
	250-319.9		3431	111	3542	8.6+								
	320-379.9		1709	94	1803	7.6-								
	380-539.9		1764	76	1840	2.6+								
	540-639.9		928	19	947	11.0+								
	640 and over		1071	35	1106	11.9+								
		TOTAL		2319994	6326	23263 20	.5+							

ADDITIONAL INFORMATION

The condensed summary by size includes shipments of:

1. Air-conditioners (except window and wall types) - with or without condensers and refrigeration chassis
2. Year-round air-conditioners - with or without condensers
3. Heat pumps (except room air-conditioners) - single package and split heat pumps excluding all water-source heat pumps
4. Split systems - air-conditioning condensing units only, excluding shipments of coils with or without blower.

NEWS *from*

AIR CONDITIONING AND REFRIGERATION INSTITUTE

1815 N. Fort Myer Drive, Arlington, Virginia 22209

For Further Information
Contact: RAY DURAZO
(703) 524-8800

FOR IMMEDIATE RELEASE
January 7, 1980

NOVEMBER UNITARY SHIPMENTS SHOW DECREASE OF 9.8 PERCENT

ARLINGTON, VIRGINIA ---- Domestic shipments of unitary air conditioners and heat pumps by U. S. manufacturers were 164,753 in November, 1979. According to figures released by the Air-Conditioning and Refrigeration Institute, this is a decrease of 9.8 percent from the total delivered a year ago in November, 1978.

November shipments brought the cumulative figures for the year to 2,491,073, a decrease of .2 percent from 1978.

Included in the total figure shown on the attached breakdown of shipments by size, are November shipments of heat pumps, which were 40,307. This is an increase of 1.7 percent over shipments in November, 1978. Year-to-date heat pump shipments in November were 502,338, a decrease of 2.5 percent compared to the same period of 1978.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed
Summary by Size of United States Manufacturers'
Shipments Expanded to Industry

Date NOV., YTD., 1979

	SIZE BTUH (000)		UNITED STATES											
			NUMBER OF UNITS		U.S. TOTAL C	% CHGE. FROM 1978								
			CONDENSER-TYPE											
			AIR OR EVAP. COOLED A	WATER COOLED B										
CONDENSED SUMMARY BY SIZE	Under 16.5		27122		27122	4.2-								
	16.5-21.9		199829	199	199019	8.1+								
	22-26.9		445886	77	445966	3.2+								
	27-32.9		459382	150	459532	4.7-								
	33-38.9		596757	1945	597802	4.5-								
	39-43.9		222452	393	222845	1.1+								
	44-53.9		240327		240327	2.2-								
	54-64.9		203962	1241	205903	7.5+								
	65-96.9		39219	1134	40353	3.3+								
	97-134.9		29352	892	29244	9.9+								
	135-184.9		15164	569	15733	9.5+								
	185-249.9		5518	200	5718	1.1+								
	250-319.9		3999	126	4125	16.5+								
	320-379.9		1929	97	2017	3.8-								
	380-539.9		1984	81	2065	7.0+								
	540-639.9		1047	19	1066	16.4+								
	640 and over		1201	35	1236	16.5+								
		TOTAL		2484115	6958	2491073	.2-							

ADDITIONAL INFORMATION

The condensed summary by size includes shipments of:

1. Air-conditioners (except window and wall types) - with or without condensers and refrigeration chassis
2. Year-round air-conditioners - with or without condensers
3. Heat pumps (except room air-conditioners) - single package and split heat pumps excluding all water-source heat pumps
4. Split systems - air-conditioners condensing units only, excluding shipments of coils with or without blower.

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NEWS

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FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR FURTHER INFORMATION CONTACT RAY DURAZO (703) 524-8800

FOR IMMEDIATE RELEASE

February 8, 1980

DECEMBER UNITARY SHIPMENTS SHOW DECREASE OF 12.9 PERCENT

ARLINGTON, VIRGINIA ----- Domestic shipments of unitary air conditioners and heat pumps by U. S. manufacturers were 189,524 in December, 1979. According to figures released by the Air-Conditioning and Refrigeration Institute, this is a decrease of 12.9 percent from the total delivered a year ago in December, 1978.

December shipments brought the cumulative figures for the year to 2,680,597, a decrease of 1.3 percent from 1978.

Included in the total figure shown on the attached breakdown of shipments by size, are December shipments of heat pumps, which were 45,356. This is an increase of 1.1 percent over shipments in December, 1978. Year-to-date heat pump shipments in December were 547,694, a decrease of 2.2 percent compared to the same period of 1978.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed
Summary by Size of United States Manufacturers'
Shipments Expanded to Industry

Date DEC., YTD., 1979

				UNITED STATES										
				NUMBER OF UNITS										
		CONDENSER-TYPE				% CHGE.								
SIZE BTUH (000)		AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C		FROM 1978								
CONDENSED SUMMARY BY SIZE	Under 16.5	29836		29836	9.9-									
	16.5-21.9	210160	217	210377	8.5+									
	22-26.9	481523	80	481603	2.5+									
	27-32.9	494613	158	494771	5.1-									
	33-38.9	636723	1131	637854	5.8-									
	39-43.9	238067	410	238477	.3-									
	44-53.9	256576		256576	4.4-									
	54-64.9	218598	2044	220642	6.1+									
	65-98.9	42533	1198	43731	1.9+									
	97-134.9	30765	955	31720	9.9+									
	135-184.9	16364	618	16982	8.5+									
	185-249.9	6137	237	6374	3.6+									
	250-319.9	4397	142	4539	15.5+									
	320-379.9	2212	115	2327	3.1+									
	380-539.9	2179	90	2269	5.7+									
	540-639.9	1153	23	1176	15.7+									
	640 and over	1307	36	1343	13.4+									
	TOTAL		2673143	7454	2680597	1.3-								

ADDITIONAL INFORMATION

The condensed summary by size includes shipments of:

1. Air-conditioners (except window and wall types) - with or without condensers and refrigeration chassis
2. Year-round air-conditioners - with or without condensers
3. Heat pumps (except room air-conditioners) - single package and split heat pumps excluding all water-source heat pumps
4. Split systems - air-conditioners condensing units only, excluding shipments of coils with or without blower.

NEWS

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR FURTHER INFORMATION CONTACT RAY DURAZO (703) 524-8510

FOR IMMEDIATE RELEASE
March 25, 1980

JANUARY UNITARY SHIPMENTS SHOW DECREASE OF 13.8 PERCENT

ARLINGTON, VIRGINIA ---- Domestic shipments of unitary air conditioners and heat pumps by U. S. manufacturers were 193,158 in January, 1980. According to figures released by the Air-Conditioning and Refrigeration Institute, this is a decrease of 13.8 percent from the total delivered a year ago in January, 1979.

Included in the total figure shown on the attached breakdown of shipments by size, are January shipments of heat pumps, which were 38,941. This is a decrease of 26.6 from shipments in January, 1979.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed
Summary by Size of United States Manufacturers'
Shipments Expanded to Industry

Date January, 1980

		UNITED STATES							
SIZE BTUH (000)		NUMBER OF UNITS							
		CONDENSER-TYPE		U.S. TOTAL C	% CHANGE FROM 1979				
		AIR OR EVAP. COOLED A	WATER COOLED B						
Under 16.5		2534		2534	44.1+				
16.5-21.9		18626	12	18638	2.0-				
22-26.9		41419	7	41426	8.0+				
27-32.9		33337	25	33362	23.9-				
33-38.9		42628	99	42727	24.8-				
39-43.9		15963	11	15974	12.8-				
44-53.9		15880		15880	24.3-				
54-64.9		14753	110	14863	13.3-				
65-96.9		2720	69	2789	14.2-				
97-134.9		2080	56	2136	1.0-				
135-184.9		1295	45	1340	20.1+				
185-249.9		535	21	556	3.2+				
250-319.9		263	15	278	8.3-				
320-379.9		227	5	232	32.6+				
380-539.9		166	2	168	20.0+				
540-639.9		80	1	81	25.7-				
640 and over		174		174	97.7+				
TOTAL		112680	478	193158	13.8-				

ADDITIONAL INFORMATION

Of the units reported in the sub-total of Other Than Horizontal Type, the number of remote-condenser type are:

<u>MONTH</u>	<u>YR. TO-DATE</u>
<u>183</u>	<u>183</u>

Of the total units reported on line 522A, the number of units specifically designed for mobile home application are:

<u>5587</u>	<u>5587</u>
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Of the total units reported on line 570, the number of units specifically designed for mobile home application are:

<u>-0-</u>	<u>-0-</u>
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The grand total on line 670 does not include the number of coils shipped. This is because the units would duplicate the number of "split systems".

% Change is not exactly comparable in the Air-Conditioners (except window and wall types) category. It is for your information only.

NEWS

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR FURTHER INFORMATION CONTACT RAY DURAZO (703) 524-8800

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FOR IMMEDIATE RELEASE

April 15, 1980

FEBRUARY UNITARY SHIPMENTS SHOW DECREASE OF 19.6 PERCENT

ARLINGTON, VIRGINIA ---- Domestic shipments of unitary air-conditioners and heat pumps by U. S. manufacturers were 183,480 in February, 1980. According to figures released by the Air-Conditioning and Refrigeration Institute, this is a decrease of 19.6 percent from the total delivered a year ago in February, 1979.

Included in the total figure shown on the attached breakdown of shipments by size, are February shipments of heat pumps, which were 40,754. This is a decrease of 12.5 from shipments in February, 1979.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed
Summary by Size of United States Manufacturers'
Shipments Expanded to Industry

Date FEB.YTD., 1980

						UNITED STATES					
				NUMBER OF UNITS							
		CONDENSER-TYPE				% CHGE. FROM 1979					
SIZE BTUH (000)		AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C							
CONDENSED SUMMARY BY SIZE	Under 16.5	5224		5224	45.8+						
	16.5-21.9	35042	20	35062	.0						
	22-26.9	76983	17	77000	7.1-						
	27-32.9	70258	51	70309	21.2-						
	33-38.9	83056	176	83232	26.0-						
	39-43.9	29214	21	29235	21.5-						
	44-53.9	30346		30346	27.8-						
	54-64.9	30042	238	30280	11.0-						
	65-96.9	5611	137	5748	8.4-						
	97-134.9	4260	109	4369	3.0-						
	135-184.9	2579	107	2686	13.0+						
	185-249.9	1095	50	1145	18.8+						
	250-319.9	640	25	665	19.8+						
	320-379.9	393	6	399	13.4+						
	380-539.9	450	6	456	43.8+						
	540-639.9	165	2	167	18.5-						
	640 and over	310	5	315	98.1+						
TOTAL		375668	970	376638	16.7-						

ADDITIONAL INFORMATION

The condensed summary by size includes shipments of:

1. Air-conditioners (except window and wall types) - with or without condensers and refrigeration chassis
2. Year-round air-conditioners - with or without condensers
3. Heat pumps (except room air-conditioners) - single package and split heat pumps excluding water source heat pumps
4. Split systems - air-conditioners condensing units only, excluding shipments of coils with or without blower.

NEWS

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR IMMEDIATE RELEASE
May 20, 1980

MARCH UNITARY SHIPMENTS SHOW DECREASE OF 24.9 PERCENT

ARLINGTON, VIRGINIA ---- Domestic Shipments of unitary air-conditioners and heat pumps by U. S. manufacturers were 207,264 in March, 1980. According to figures released by the Air-Conditioning and Refrigeration Institute, this is a decrease of 24.9 percent from the total delivered a year ago in March, 1979.

Included in the total figure shown on the attached breakdown of shipments by size, are March shipments of heat pumps, which were 44,733. This is a decrease of 7.2 percent from shipments in March, 1979.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed
Summary by Size of United States Manufacturers'
Shipments Expanded to Industry

Date MARCH, 1980

	SIZE BTUH (000)		UNITED STATES							
			NUMBER OF UNITS							
			CONDENSER-TYPE		U.S. TOTAL C	% CHGE. FROM 1979				
			AIR OR EVAP. COOLED A	WATER COOLED B						
CONDENSED SUMMARY BY SIZE	Under 16.5		2073		2073	32.8-				
	16.5-21.9		18400	32	18432	9.9+				
	22-26.9		37706	7	37713	22.1-				
	27-32.9		39215	36	39251	25.5-				
	33-38.9		45103	98	45201	33.9-				
	39-43.9		17805	47	17852	33.3-				
	44-53.9		20291		20291	26.7-				
	54-64.9		16580	115	16695	24.0-				
	65-96.9		3433	73	3511	14.6-				
	97-134.9		2656	71	2727	17.2-				
	135-184.9		1498	54	1552	1.7+				
	185-249.9		705	39	744	48.8+				
	250-319.9		405	22	427	17.6+				
	320-379.9		266	6	272	16.7+				
	380-539.9		263	11	274	76.8+				
	540-639.9		111	5	116	34.9+				
	640 and over		133		133	11.8+				
	TOTAL		206648	616	207264	24.9-				

ADDITIONAL INFORMATION

MONTH YEAR-TO-DATE

Of the units reported in the sub-total of Other Than Horizontal Type, the number of remote-condenser type are:

238 526

Of the total units reported on line 522A, the number of units specifically designed for mobile home application are:

3,954 13,971

Of the total units reported on line 570, the number of units designed for mobile home application are:

-0- -0-

The grand total on line 670 does not include the number of coils shipped. This is because the units would duplicate the number of "split systems".

NEWS

AO300 1

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR FURTHER INFORMATION CONTACT: RAY DURAZZO (703) 524-6800

FOR IMMEDIATE RELEASE
June 13, 1980

APRIL UNITARY SHIPMENTS SHOW DECREASE OF 30.6 PERCENT

ARLINGTON, VIRGINIA ---- Domestic shipments of unitary air-conditioners and heat pumps by U. S. manufacturers were 177,302 in April, 1980. According to figures released by the Air-Conditioning and Refrigeration Institute, this is a decrease of 30.6 percent from the total delivered a year ago in April, 1979.

Uncluded in the total figure shown on the attached breakdown of shipments by size, are April shipments of heat pumps, which were 36,667. This is a decrease of 20.4 percent from shipments in April, 1979.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed
Summary by Size of United States Manufacturers'
Shipments Expanded to Industry

Date APRIL, 1980

	SIZE BTUH (000)		UNITED STATES							
			NUMBER OF UNITS			% CHGE. FROM 1979				
			CONDENSER-TYPE		U.S. TOTAL C					
			AIR OR EVAP. COOLED A	WATER COOLED B						
CONDENSED SUMMARY BY SIZE	Under 16.5		2875		2875	13.1-				
	16.5-21.9		16497	23	16525	23.2-				
	22-26.9		34151	17	34163	23.5-				
	27-32.9		32905	40	32945	31.3-				
	33-38.9		37269	124	37493	37.7-				
	39-43.9		14059	54	14113	39.7-				
	44-53.9		15351		15351	33.6-				
	54-64.9		14427	205	14632	31.5-				
	65-96.9		3158	156	3314	16.9-				
	97-134.9		2550	103	2653	7.1-				
	135-184.9		1442	52	1494	1.7+				
	185-249.9		599	31	630	1.3+				
	250-319.9		382	20	402	9.8+				
	320-379.9		245	6	251	63.0+				
	380-539.9		230	6	236	24.9+				
	540-639.9		84	7	91	9.9-				
	640 and over		123	1	129	5.1-				
		TOTAL		116452	850	177302	30.6-			

ADDITIONAL INFORMATION

MONTH

YEAR-TO-DATE

Of the units reported in the sub-total of Other than Horizontal Type,
the number of remote-condenser type are:

375

901

Of the total units reported on line 522A, the number of units specifically
designed for mobile home application are:

2,469

16,440

Of the total units reported on line 570, the number of units designed for
mobile home application are:

-0-

-0-

The grand total on line 670 does not included the number of coils shipped.
This is because the units would duplicate the number of "Split Systems".

NEWS

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

40300-1

FOR IMMEDIATE RELEASE
June 23, 1980

1979 INSTALLED VALUE OF FIELD-ENGINEERED EQUIPMENT

ARLINGTON, VIRGINIA ---- The installed value of field-engineered air-conditioning systems put in place in the U. S. during 1979 showed an increase over the 1978 figure, the Air-Conditioning and Refrigeration Institute announced this week.

The "installed" value estimate for 1979 was \$2,447,173,000, an increase of 18% over the 1978 figure of \$2,066,920,000.

The estimate for installed value of unitary equipment in 1979, announced earlier by ARI, was \$5,936,442,921, an increase of 7% over the 1978 unitary installed value. The combination of the two installed value figures for 1979, therefore, resulted in a total of \$8,383,615,921, for all air-conditioning put in place last year, with the exception of window air-conditioners. This is an increase of 10.3% over the 1978 figures.

In determining the installed value figure for field-engineered systems, it is estimated that only 7.5% of the cost of a system represents the basic refrigeration machine while the remaining 92.5% represents air-handling equipment, labor, ducts, controls, plumbing, and all other installation costs.

....more....

1969	-----	\$ 1,999,267,000
1970	-----	\$ 2,136,040,000
1971	-----	\$ 2,120,120,000
1972	-----	\$ 1,945,293,000
1973	-----	\$ 1,968,547,000
1974	-----	\$ 2,082,507,000
1975	-----	\$ 2,308,494,000
1976	-----	\$ 1,915,227,000
1977	-----	\$ 1,969,920,000
1978	-----	\$ 2,066,920,000
1979	-----	\$ 2,447,173,000

#

NEWS

40300-1

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR FURTHER INFORMATION CONTACT RAY DURAZO (703) 524-8800

FOR IMMEDIATE RELEASE
June 25, 1980

ARI REPORTS VALUE OF UNITARY AIR-CONDITIONING EQUIPMENT 5.9 BILLION DOLLARS DURING 1979

ARLINGTON, VIRGINIA ---- The installed value of unitary air-conditioning equipment in the United States during 1979 increased by 7.3% from the 1978 installed value, the Air-Conditioning and Refrigeration Institute reported recently.

Installed value of unitary equipment reached \$5,936,442,921 up from the 1978 figure of \$5,528,433,918.

Commercial installation accounted for \$1,945,812,933 of the total while residential unitary installed value came to \$3,990,629,988, according to estimates compiled by ARI's Business Research Department from information supplied by manufacturers.

"Installed value" covers not only the cost of unitary air-conditioners as shipped from the factory but also labor, ductwork, registers and grilles, thermostatic and other controls, electrical wiring, and other components of the system which is engineered by the contractor or dealer.

"Unitary" represents the equipment used in most central residential installations plus some commercial and industrial installations which use packaged equipment.

....more....

ARI Reports Value ---
Cont.

June 25, 1980

-2-

The totals below show the growth of the unitary air-conditioning market over the past 23 years, particular central residential installations:

ESTIMATED INSTALLED VALUE OF UNITARY AIR-CONDITIONERS

<u>YEAR</u>	<u>RESIDENTIAL</u>	<u>COMMERCIAL</u>	<u>TOTAL</u>
1956	\$ 174,011,400	\$ 290,796,100	\$ 464,807,500
1957	176,230,800	226,582,300	402,813,100
1958	204,602,850	219,489,200	424,092,050
1959	266,675,850	283,136,700	549,812,550
1960	318,477,150	312,648,350	631,125,500
1961	338,139,000	280,286,300	618,425,300
1962	408,623,850	345,652,300	754,276,150
1963	451,360,800	390,610,800	841,971,600
1964	532,020,800	464,249,600	996,270,400
1965	632,567,600	543,029,600	1,175,597,200
1966	718,252,000	671,604,400	1,389,856,400
1967	783,604,000	749,020,000	1,532,624,000
1968	950,191,600	834,616,000	1,784,807,600
1969	1,295,766,400	981,417,200	2,277,183,600
1970	1,360,817,315	986,784,758	2,347,602,073
1971	1,649,497,029	1,095,759,074	2,745,256,103
1972	2,163,792,878	1,352,464,750	3,516,257,628
1973	2,582,223,238	1,570,293,453	4,152,516,691
1974	2,433,902,714	1,477,470,080	3,911,372,794
1975	1,791,216,492	1,164,231,182	2,955,447,674
1976	2,683,372,806	1,437,146,797	4,120,519,603
1977	3,264,487,814	1,541,671,701	4,806,159,515
1978	3,940,958,613	1,587,475,305	5,528,433,918
1979	3,990,629,988	1,945,812,933	5,936,442,921

NEWS

40300-1

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR FURTHER INFORMATION CONTACT RAY DURAZO (703) 524-8800

FOR IMMEDIATE RELEASE
June 25, 1980

ARI REPORTS 1979 RESIDENTIAL INSTALLATIONS OF UNITARY EQUIPMENT DECREASED AND COMMERCIAL INSTALLATIONS INCREASED

ARLINGTON, VIRGINIA ---- Shipments of unitary air-conditioning equipment for use in residential installations decreased 5.5% in 1979 and commercial installations increased 21.4% from 1978 figures, the Air-Conditioning and Refrigeration Institute announced this week.

There were 2,158,237 residential units shipped last year, accounting for 77.2% of installations. A total of 522,360, or 22.8% were for commercial installations.

The 1979 figures are in marked contrast to those posted in 1953, the first year for which statistics were available, when 66.9% of total unitary shipments went into commercial installations and only 33.1% into residential. However, the residential share passed the commercial portion two years later when it accounted for 56.5% of units shipped and has steadily drawn away from commercial installations.

The following tabulation shows the changing pattern in the shares of residential and commercial applications, and of exports, the latter first being reported in 1960.

....more....

ARI Reports on Residential and
Commercial Installations - -
Cont.

June 25, 1980

-2-

<u>1953</u>		<u>% of Total</u>
Total	126,813	
Residential	41,992	33.1
Commercial	84,821	66.9
 <u>1954</u>		
Total	160,909	
Residential	80,001	49.7
Commercial	80,908	50.3
 <u>1955</u>		
Total	196,861	
Residential	111,158	56.5
Commercial	85,703	43.5
 <u>1956</u>		
Total	254,403	
Residential	147,224	57.9
Commercial	107,179	42.1
 <u>1957</u>		
Total	217,042	
Residential	126,071	58.1
Commercial	90,971	41.9
 <u>1958</u>		
Total	230,541	
Residential	140,988	61.2
Commercial	89,553	38.8
 <u>1959</u>		
Total	306,814	
Residential	191,923	62.6
Commercial	114,891	37.4

ARI Reports on Residential
and Commercial Installations
June 25, 1980 (Cont.)

-3-

1960

% of U.S.

Total Shipments	350,442	
Export	9,300	
Total U.S.	341,122	
Residential	217,148	63.7
Commercial	123,974	36.3

1961

Total Shipments	365,764	
Export	9,558	
Total U.S.	356,206	
Residential	238,206	66.9
Commercial	118,000	33.1

1962

Total Shipments	467,719	
Export	12,211	
Total U.S.	455,508	
Residential	305,190	67.0
Commercial	150,318	33.0

1963

Total Shipments	580,099	
Export	14,444	
Total U.S.	565,655	
Residential	400,759	70.8
Commercial	164,896	29.2

1964

Total Shipments	701,569	
Export	17,233	
Total U.S.	684,336	
Residential	483,593	70.7
Commercial	200,743	29.3

1965

Total Shipments	826,422	
Export	20,682	
Total U.S.	805,740	
Residential	580,997	72.1
Commercial	224,743	27.9

ARI Reports on Residential and
Commercial Installations - -
Cont.

June 25, 1980

-4-

1966

% of U.S.

Total Shipments	958,546	
Export	20,663	
Total U.S.	937,883	
Residential	652,736	69.6
Commercial	285,147	30.4

1967

Total Shipments	1,047,231	
Export	25,179	
Total U.S.	1,022,052	
Residential	714,025	69.9
Commercial	308,027	30.1

1968

Total Shipments	1,234,611	
Export	30,412	
Total U.S.	1,204,199	
Residential	847,387	70.4
Commercial	356,812	29.6

1969

Total Shipments	1,635,025	
Export	33,681	
Total U.S.	1,601,344	
Residential	1,174,570	73.3
Commercial	426,774	26.7

1970

Total Shipments	1,616,018	
Export	44,027	
Total U.S.	1,571,991	
Residential	1,172,223	74.6
Commercial	399,768	25.4

ARI Reports on Residential and
Commercial Installations - -

June 25, 1980 (Cont.)

-5-

1971

% of U.S.

Total Shipments	1,876,879	
Export	43,561	
Total U.S.	1,833,318	
Residential	1,408,413	76.8
Commercial	424,905	23.2

1972

Total Shipments	2,436,455	
Export	44,125	
Total U.S.	2,392,330	
Residential	1,826,519	76.3
Commercial	565,811	23.7

1973

Total Shipments	2,839,434	
Export	71,642	
Total U.S.	2,767,792	
Residential	2,147,546	77.6
Commercial	620,246	22.4

1974

Total Shipments	2,488,828	
Export	99,404	
Total U.S.	2,389,424	
Residential	1,889,577	79.1
Commercial	499,847	20.9

1975

Total Shipments	1,622,497	
Export	81,013	
Total U.S.	1,541,484	
Residential	1,174,578	76.2
Commercial	366,906	23.8

ARI Reports on Residential and
Commercial Installations - -
Cont.
June 25, 1980

-6-

<u>1976</u>		<u>% of U.S.</u>
Total Shipments	2,327,559	
Export	168,349	
Total U.S.	2,159,210	
Residential	1,700,682	78.8
Commercial	458,528	21.2

<u>1977</u>		
Total Shipments	2,615,121	
Export	150,681	
Total U.S.	2,464,440	
Residential	1,999,924	81.2
Commercial	464,516	18.8

<u>1978</u>		
Total Shipments	2,821,479	
Export	106,842	
Total U.S.	2,714,637	
Residential	2,284,530	84.2
Commercial	430,107	15.8

<u>1979</u>		
Total Shipments	2,793,910	
Export	113,313	
Total U. S.	2,680,597	77.2
Residential	2,158,237	22.8
Commercial	522,360	

NEWS

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

780 A0300-1
FOR IMMEDIATE RELEASE
July 7, 1980

MAY UNITARY SHIPMENTS DOWN 40.6% OVER A YEAR AGO

ARLINGTON, VIRGINIA ---- May U. S. shipments of unitary air-conditioners and heat pumps were 154,915. This was a decrease of 40.6% from May, 1979. Year-to-date shipments were 916,119, down 26.4% as compared to January-May figures a year ago.

Included in the total figures were May shipments of heat pumps which were 27,736. This is a decrease of 37.0% from shipments in May, 1979. The cumulative shipments for heat pumps for the first 5 months of 1980 were 188,831. This is a decrease of 20.6% from the same period of 1979.

May factory stocks are down 2,500 units from April and are up about 35,000 units over May, 1979. May distributor shipments were down 36.0% from May a year ago. The year-to-date shipments are down 24%.

Distributor inventories are down 2,000 units compared to April and are down some 23,000 units from May, 1979.

May U. S. dollar bookings of hermetic centrifugals were up 49% thus making the year-to-date up 25% compared with 1979. May U. S. dollar bookings of reciprocating liquid chillers were up 1% with a year-to-date gain of 4%.

#

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed
Summary by Size of United States Manufacturers'
Shipments Expanded to Industry

Date May, 1980

	SIZE BTUH (000)		UNITED STATES							
			NUMBER OF UNITS		U.S. TOTAL C	% CHGE. FROM 1979				
			CONDENSER-TYPE							
			AIR OR EVAP. COOLED A	WATER COOLED B						
CONDENSED SUMMARY BY SIZE	Under 16.5		2942		2942	5.6+				
	16.5-21.9		14323	27	14350	25.2-				
	22-26.9		29280	13	29293	35.8-				
	27-32.9		26473	29	26502	43.5-				
	33-38.9		32916	106	33022	48.1-				
	39-43.9		11423	49	11472	52.8-				
	44-53.9		13681		13681	47.5-				
	54-64.9		13481	159	13640	38.0-				
	65-96.9		3675	88	3763	6.6-				
	97-134.9		2529	35	2614	9.4-				
	135-184.9		1726	47	1773	7.5+				
	185-249.9		659	43	702	44.7+				
	250-319.9		474	13	487	3.2+				
	320-379.9		221	5	226	4.1+				
	380-539.9		204	11	215	7.5+				
	540-639.9		103	7	110	29.4+				
	640 and over		117	6	123	12.8-				
		TOTAL		154227	688	154915	40.6-			

ADDITIONAL INFORMATION

Of the units reported in the sub-total of Other than Horizontal Type, the number of remote-condenser type are:

MONTH

YEAR-TO-DATE

329

1,230

Of the total units reported on line 522A, the number of units specifically designed for mobile home application are:

3,833

20,273

Of the total units reported on line 570, the number of units designed for mobile home application are:

-

-

The grand total on line 670 does not include the number of coils shipped. This is because the units would duplicate the number of "Split Systems".

NEWS

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR FURTHER INFORMATION CONTACT: RAY DURAZO (703) 524-8800

FOR IMMEDIATE RELEASE
August 19, 1980

UNITARY SHIPMENTS DROP 33.8% in JUNE FROM 1979 FIGURES

ARLINGTON, VIRGINIA ---- June U. S. shipments of unitary air-conditioners and heat pumps were 196,367. This was a decrease of 33.8% from June, 1979. Year-to-date shipments were 1,112,486, down 27.8% as compared to January-June figures a year ago.

Included in the total figures were June shipments of heat pumps which were 32,413. This is a decrease of 36.3% from shipments in June, 1979. The cumulative shipments for heat pumps for the first 6 months of 1980 were 221,244. This is a decrease of 23.4% from the same period of 1979.

June factory stocks are down 75,000 units from May and are up about 10,000 units from June, 1979. June distributor shipments were down 27% from June a year ago. The year-to-date shipments are down 25%.

Distributor inventories are down 29,000 units compared to May and are down some 37,000 units from June, 1979.

June U. S. dollar bookings of hermetic centrifugals were down 39.0%, thus making the year-to-date up 6% compared with 1979. June U. S. dollar bookings of reciprocating liquid chillers were down 9.0% with a year-to-date loss of 11.0%.

#

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed
Summary by Size of United States Manufacturers'
Shipments Expanded to Industry

Date JUNE, 1980

				UNITED STATES									
				NUMBER OF UNITS									
		CONDENSER-TYPE				% CHGE. FROM 1979							
SIZE BTUH (000)		AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C									
CONDENSED SUMMARY BY SIZE	Under 16.5	2798		2798		37.3-							
	16.5-21.9	17541	25	17566		18.7-							
	22-26.9	34301	7	34308		34.6-							
	27-32.9	34706	26	34732		37.2-							
	33-38.9	46438	117	46555		35.7-							
	39-43.9	14835	49	14884		46.0-							
	44-53.9	19693		19693		36.1-							
	54-64.9	17057	170	17227		28.0-							
	65-96.9	3525	134	3659		12.0-							
	97-134.9	2427	85	2512		6.2-							
	135-184.9	1482	74	1556		15.3+							
	185-249.9	617	12	629		49.8+							
	250-319.9	431	27	458		31.6+							
	320-379.9	240	18	258		69.7+							
	380-539.9	207	33	240		50.9+							
	540-639.9	112	6	118		35.6+							
	640 and over	173	1	174		39.2+							
TOTAL		195583	784	196367		33.8-							

ADDITIONAL INFORMATION

Of the units reported in the sub-total of Other Than Horizontal type, the number of remote-condenser type are:

Of the total units reported on line 522A, the number of units specifically designed for mobile home application are:

Of the total units reported on line 570, the number of units specifically designed for mobile home application are:

The grand total on line 670 does not include the number of coils shipped. This is because the units would duplicate the number of "split systems".

MONTH	YEAR-TO-DATE
347	1,577
2,577	22,850
-0-	-0-

40300-1

NEWS

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR IMMEDIATE RELEASE

September 18, 1980

JULY UNITARY SHIPMENTS SHOW DECREASE OF 8.4 PERCENT

ARLINGTON, VIRGINIA ---- July U. S. shipments of unitary air-conditioners and heat pumps were 216,086. This was a decrease of 8.4 percent from July, 1979. Year-to-date shipments were 1,328,572, down 25.2 percent as compared to January-July figures a year ago.

Included in the total figures were July shipments of heat pumps which were 30,595. This is a decrease of 33.6 percent from shipments in July, 1979. The cumulative shipments for heat pumps for the first 7 months of 1980 were 251,839. This is a decrease of 24.8 percent from the same period of 1979.

July factory stocks are down 82,000 units from June and are down about 70,000 units from July, 1979.

July distributor shipments were up 13.0 percent over July a year ago. The year-to-date shipments are down 19.0 percent. Distributor inventories are down 80,000 units compared to June and are down some 91,000 units from July, 1979.

July U. S. dollar bookings of hermetic centrifugals were up 2.0 percent, thus making the year-to-date up 6.0 percent compared with 1979. July U. S. dollar bookings of reciprocating liquid chillers were down 21 percent with a year-to-date loss of 13.00 percent.

#

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed
Summary by Size of United States Manufacturers'
Shipments Expanded to Industry

Date JULY, 1980

	SIZE BTUH (000)		UNITED STATES							
			NUMBER OF UNITS			% CHGE. FROM 1979				
			CONDENSER-TYPE		U.S. TOTAL C					
			AIR OR EVAP. COOLED A	WATER COOLED B						
CONDENSED SUMMARY BY SIZE	Under 16.5		1473		1478	25.2-				
	16.5-21.9		16147	21	16178	11.3+				
	22-26.9		42648	11	42659	.4+				
	27-32.9		41466	60	41526	4.4-				
	33-38.9		54421	115	54536	5.2-				
	39-43.9		14967	46	15013	22.2-				
	44-53.9		18122		18122	29.3-				
	54-64.9		17383	163	17546	21.6-				
	65-96.9		3373	131	3504	2.1-				
	97-134.9		2429	00	2509	3.5+				
	135-184.9		1379	68	1447	19.0+				
	185-249.9		544	18	662	28.8+				
	250-319.9		276	15	291	14.9-				
	320-379.9		245	18	263	78.9+				
	380-539.9		155	10	165	3.1+				
	540-639.9		53	2	55	16.7-				
	640 and over		131	1	132	32.0+				
	TOTAL		215317	769	216086	8.4-				

ADDITIONAL INFORMATION

Of the units reported in the sub-total of Other Than Horizontal type, the number of remote-condenser type are:

MONTH

YEAR-TO-DATE

543

2,120

Of the total units reported on line 522A, the number of units specifically designed for mobile home application are:

4,254

27,104

Of the total units reported on line 570, the number of units specifically designed for mobile home application are:

-0-

-0-

The grand total on line 670 does not include the number of coils shipped. This is because the units would duplicate the number of "split systems".

NEWS

A0300-1 B

FROM AIR CONDITIONING AND REFRIGERATION INSTITUTE • 1815 N. FORT MYER DRIVE, ARLINGTON, VIRGINIA 22209

FOR FURTHER INFORMATION CONTACT: RAY DURAZO (703) 524-8800

FOR IMMEDIATE RELEASE

October 10, 1980

AUGUST UNITARY SHIPMENTS SHOW DECREASE OF .4 PERCENT

ARLINGTON, VIRGINIA ---- August U. S. shipments of unitary air-conditioners and heat pumps were 175,319. This was a decrease of .4 percent from August, 1979. Year-to-date shipments were 1,503,891, down 23.0 percent as compared to January-August figures a year ago.

Included in the total figures were August shipments of heat pumps which were 29,436. This is a decrease of 11.1 percent from shipments in August, 1979. The cumulative shipments for heat pumps for the first 8 months of 1980 were 281,275. This is a decrease of 23.5 percent from the same period of 1979.

August factory stocks are down 89,000 units from July and are down about 118,600 units from August, 1979.

August distributor shipments were up 25 percent over August a year ago. The year-to-date shipments are down 14 percent. Distributor inventories are down 60,700 units compared to July and are down some 114,000 units from August, 1979.

August U. S. dollar bookings of hermetic centrifugals were up 60 percent, thus making the year-to-date up 9 percent compared with 1979. August U. S. dollar bookings of reciprocating liquid chillers were up 13 percent with a year-to-date loss of 10 percent.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed
Summary by Size of United States Manufacturers'
Shipments Expanded to Industry

Date AUGUST, 1980

	SIZE BTUH (000)		UNITED STATES				
			NUMBER OF UNITS			% CHGE. FROM 1979	
			CONDENSER-TYPE		U.S. TOTAL C		
			AIR OR EVAP. COOLED A	WATER COOLED B			
CONDENSED SUMMARY BY SIZE	Under 16.5		980		980	39.2-	
	16.5-21.9		14186	20	14206	6.8+	
	22-26.9		32794	8	32802	.8+	
	27-32.9		33454	19	33473	8.7+	
	33-38.9		43966	87	44053	6.3+	
	39-43.9		13112	56	13168	15.2-	
	44-53.9		15203		15203	10.4-	
	54-64.9		14239	149	14388	9.9-	
	65-96.9		2403	76	2479	18.8-	
	97-134.9		1799	55	1854	16.2-	
	135-184.9		1289	62	1351	4.3+	
	185-249.9		436	93	529	15.3+	
	250-319.9		264	28	292	14.1+	
	320-379.9		184	6	190	25.8+	
	380-539.9		125	7	132	21.4-	
	540-639.9		79	6	85	9.6-	
	640 and over		131	3	134	12.6+	
	TOTAL		174644	675	175319	.4-	